In the Claims

Claims 1 through 89 are cancelled.

90. (Previously presented) A syringe holder for holding a syringe installed into a front loadable injector, the holder comprising:

a section defining a cylindrical bore for receiving a cylindrical syringe therein, an open back end for communicating with an injector housing and an open front end for insertion of the syringe into the bore and removal of the syringe from the bore;

the section further defining an internal annular recess in communication with said bore at a forward end of said holder, for receiving and retaining connecting structure of a syringe.

91. (Previously Presented) The syringe holder of claim 90 wherein said syringe holder is a pressure jacket for receiving said syringe and supporting said syringe against expansion from fluid pressure within said syringe.

92. (Previously presented) The syringe holder of claim 90 combined with a front loading syringe, the syringe comprising

a body having an open back end and a front end, the body fittable within the cylindrical bore of the holder;

a forward facing truncated conical front wall located adjacent the front end of the syringe, the wall having a back end fixed to the front end of the body and a front end;

a discharge neck fixed to and extending forwardly from the front end of the conical front wall and having a discharge orifice at the front end thereof;

a radially outwardly extending flange on said body and in engagement with said internal annular recess of said holder section;

the body, front wall and neck enclosing a fluid-tight cavity communicating between the back end of the syringe body and the orifice, the body of the syringe having an axis parallel to and in axial alignment with the axis of the bore when the syringe is mounted therein; and

a plunger slidably supported in the cavity of the syringe and moveable axially therein between the back end and the front end of the body, the plunger forming a fluid tight seal with the body, the plunger having a forward facing surface forming a moveable rear wall of the cavity and having a rearward facing surface having a drive means engaging coupling thereon.

93. (Previously presented) A method of installing a syringe in a front loadable injector, comprising:

providing a syringe holder for holding a syringe installed into a front loadable injector, the holder comprising a section defining a cylindrical bore for receiving a cylindrical syringe therein, an open back end for communicating with an injector housing and an open front end for insertion of the syringe into the bore and removal of the syringe from the bore, and an internal annular recess in communication with said bore at a forward end of said holder, for receiving and retaining connecting structure of a syringe;

installing said holder into a face plate having an aperture extending therethrough,

installing said face plate to said front loadable injector by mounting said rear surface of said face plate adjacent to a housing of said injector;

providing a front-loadable syringe having a cylindrical body; and

installing said front-loadable syringe into said holder by insertion of said cylindrical body of said syringe into said open front end of said bore of said holder.

94. (Previously presented) The method of claim 93 wherein said syringe holder further comprises:

an annular flange extending radially outwardly around said holder back end and integrally formed with the holder

95. (Presently Amended) The method of claim [[93]] 94 wherein said syringe holder further comprises:

an annular tab extending radially outwardly from said annular flange and integrally formed with the holder; and

an annular recess defined in said annular flange and extending radially inwardly from an outer surface of said annular flange.

96. (Previously Presented) The method of claim 93 wherein said syringe holder is a pressure jacket for receiving said syringe and supporting said syringe against expansion from fluid pressure within said syringe.

97. (Previously presented) The method of claim 93 wherein said syringe further comprises:

a forward facing truncated conical front wall located adjacent the front end of the syringe, the wall having a back end fixed to the front end of the body and a front end;

a discharge neck fixed to and extending forwardly from the front end of the conical front wall and having a discharge orifice at the front end thereof;

a radially outwardly extending flange on said body and engageable to said internal annular recess of said holder section;

the body, front wall and neck enclosing a fluid-tight cavity communicating between the back end of the syringe body and the orifice, the body of the syringe having an axis parallel to and in axial alignment with the axis of the bore when the syringe is mounted therein; and

a plunger slidably supported in the cavity of the syringe and moveable axially therein between the back end and the front end of the body, the plunger forming a fluid tight seal with the body, the plunger having a forward facing surface forming a moveable rear wall of the cavity and having a rearward facing surface having a drive means engaging coupling thereon.